

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference E30271 JFL/JOB	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/NO 2003/000234	International filing date (<i>day/month/year</i>) 4 July 2003	(Earliest) Priority Date (<i>day/month/year</i>) 5 July 2002
Applicant Tomra Systems ASA et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☐ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2003/000234

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G07F 7/06, G07C 15/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G07F, G07C, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INTERNET

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9746985 A1 (LØVVVIK, L), 11 December 1997 (11.12.1997), page 4, line 22 - page 5, line 31 --	1-23
X	US 6267670 B1 (WALKER, J S ET AL), 31 July 2001 (31.07.2001), column 2, line 57 - column 3, line 45 --	1-23
A	US 5085308 A (WILHELM, R), 4 February 1992 (04.02.1992), whole document -- -----	1-23

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

11 February 2004

Date of mailing of the international search report

18-02-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Patrik Rydman /LR
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

Information on patent family members

24/12/2003

International application No.

PCT/NO 2003/000234

WO	9746985	A1	11/12/1997	EP	0919045	A	02/06/1999
				NO	962272	D	00/00/0000
				NO	985655	A	03/12/1998
<hr/>							
US	6267670	B1	31/07/2001	AU	6771498	A	20/10/1998
				BR	9815463	A	06/11/2001
				CN	1253644	T	17/05/2000
				EP	1016012	A	05/07/2000
				IL	131143	D	00/00/0000
				JP	2002512714	T	23/04/2002
				US	6052667	A	18/04/2000
				US	6064987	A	16/05/2000
				US	6119099	A	12/09/2000
				US	6138105	A	24/10/2000
				US	6223163	B	24/04/2001
				US	6298329	B	02/10/2001
				US	6298331	B	02/10/2001
				US	6330548	B	11/12/2001
				US	6336104	B	01/01/2002
				US	6341268	B	22/01/2002
				US	6582304	B	24/06/2003
				US	6598024	B	22/07/2003
				US	6601036	B	29/07/2003
				US	2001016514	A	23/08/2001
				US	2001047301	A	29/11/2001
				US	2001056376	A	27/12/2001
				US	2002032667	A	14/03/2002
				US	2002046124	A	18/04/2002
				US	2002077969	A	20/06/2002
				US	2003105664	A	05/06/2003
				US	2003220132	A	27/11/2003
				WO	9843149	A	01/10/1998

INTERNATIONAL SEARCH REPORT

Information on patent family members

24/12/2003

International application No.

PCT/NO 2003/000234

US	5085308	A	04/02/1992	AT	82416	T	15/11/1992
				AU	597507	B	31/05/1990
				AU	2041988	A	16/02/1989
				BR	8803935	A	28/02/1989
				CA	1305459	A,C	21/07/1992
				CH	674272	A	15/05/1990
				CN	1022070	B	08/09/1993
				CN	1031288	A	22/02/1989
				DE	3875853	A	17/12/1992
				DK	444788	A	11/02/1989
				EP	0303137	A,B	15/02/1989
				SE	0303137	T3	
				ES	2035190	T	16/04/1993
				FI	883701	A	11/02/1989
				GR	3006242	T	21/06/1993
				IE	63160	B	22/03/1995
				IE	882420	L	10/02/1989
				JP	1051597	A	27/02/1989
				KR	9404219	B	17/05/1994
				NO	883534	A	13/02/1989
				PT	88162	A,B	30/06/1989
				US	5346048	A	13/09/1994
				CH	676761	A	28/02/1991
				ZA	8805881	A	30/05/1989
